Mio DigiWalker

H610

User's Manual

Revision: R00

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Note
Information in this manual is subject to change without notice.

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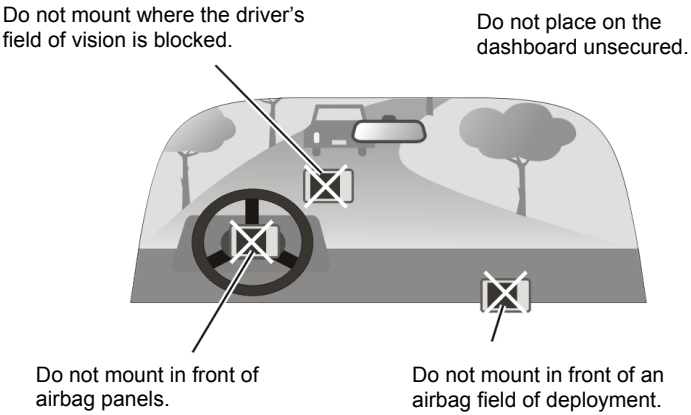
Warnings and Notices

- For your safety, do not operate the controls of the product while driving.
- Use this product with caution. The product is a navigation aid. It does not provide exact measurements of direction, distance, location or topography.
- The calculated route is for reference only. Always follow the posted traffic signs, speed limits and road restrictions.
- Do not leave your device in a car under direct sunlight, without air-condition, or without adequate ventilation. This can cause the device to overheat and malfunction.
- When the device is overheated, be sure to remove it right away from the overheated area and place it to a place with cool air. Once the device gets back to its normal temperature, it can start functioning again.
- The Global Positioning System (GPS) is operated by the United States government, which is solely responsible for its performance. Any change to the GPS system can affect the accuracy of all GPS equipment world-wide.
- GPS satellite signals cannot typically pass through solid materials (except glass). GPS location information is not typically available inside buildings, tunnels, or underground parking lots.
- A minimum of 4 GPS satellite signals is needed to calculate your GPS position. Signal reception can be affected by weather events or overhead obstacles (e.g. dense foliage and tall buildings).
- Other wireless devices in the vehicle may interfere with the reception of satellite signals and cause the reception to be unstable.

- A device holder is needed when using the device in a car. Be sure to place the device in an appropriate place, so as not to obstruct the driver's view, or deployment of airbags.

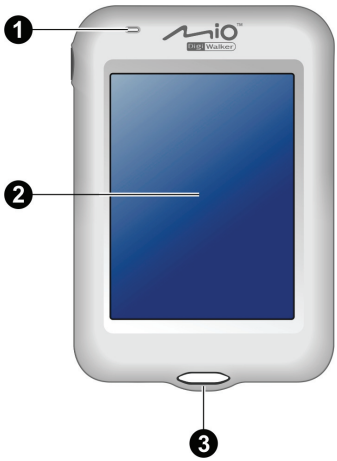


1 Getting Started

1.1 Understanding Hardware Components

NOTE: Depending upon the specific model purchased, the color of your device may not exactly match the device shown in this manual.

Front Components

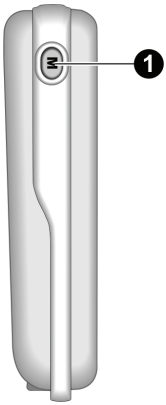


Ref	Component	Description
❶	**Charge Indicator**	Glows in bright amber to indicate that the battery is charging, and turns green when the battery is fully charged.
		Flashes in green when the device is in a suspend state.
❷	**Touch Screen**	Displays the output of your device. Tap the screen with your fingertip to select menu commands or enter information.
❸	**Hand String Hole**	Hand string attaches to this hole.

Back Components

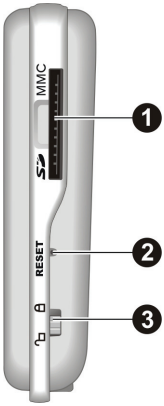
Ref	Component	Description
❶	**Car Antenna Connector**	This connector (under rubber dust cover) allows use of an optional external antenna with magnetic mount, which may be positioned on top of the car for better signal reception in areas with poor reception.
❷	**Speaker**	For music, sounds and voice prompts.

Left-Side Components



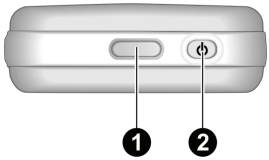
Ref	Component	Description
❶	**Menu Button**	Displays the Home screen.

Right-Side Components



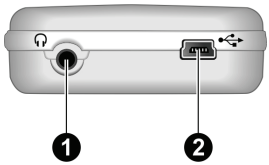
Ref	Component	Description
❶	**SD/MMC Slot**	Accepts an SD (Secure Digital) or MMC (MultiMediaCard) card for accessing data such as MP3 music.
❷	**Reset Button**	Restarts your device (soft reset).
❸	**Lock Switch**	Locks and unlocks the device.

Top Components



Ref	Component	Description
❶	**Faceplate Release Button**	Releases the faceplate for replacement.
❷	**Power Button**	Turns the device on and off.

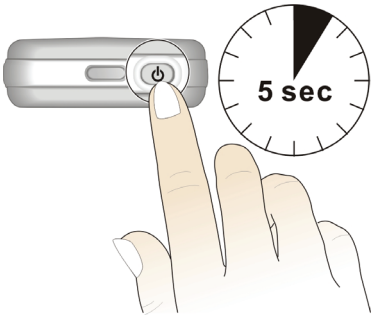
Bottom Components



Ref	Component	Description
❶	**Earphones Connector**	Connects to earphones.
❷	**Mini-USB Connector**	Connects to the AC charger or USB cable.

1.2 Performing the Initial Start Up

1. Make sure that power is supplied to your device. (See the next section.)
2. For the initial start up, press the power button for five seconds to turn on your device.



NOTE: For normal operation, briefly press the power button to turn on and off your device.

3. The language setting screen appears. You can tap the left/right arrow to select a language. Then, tap .

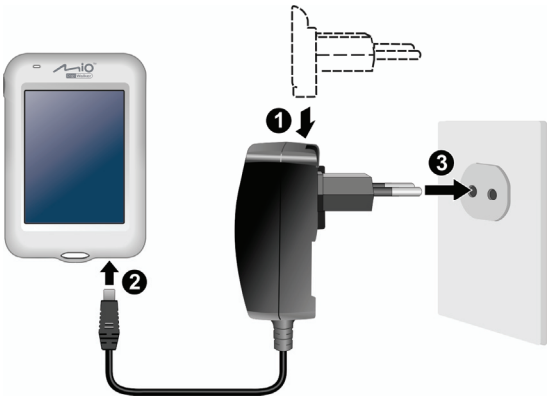
4. The date/time setting screen appears. Tap the appropriate arrow button to select the time zone, date, and time. Then, tap .

5. The Home screen appears. You can now use your device.

1.3 Connecting to AC Power and Charging the Battery

When charging the battery for the very first time, you should charge it for at least 6 hours.

1. Slide and click the AC converter onto the AC charger.
2. Connect the adapter cable to the bottom of your device.
3. Plug the AC charger into a wall outlet.



4. The charge indicator glows amber when charging is in progress. Do not disconnect your device from AC power until the battery is fully charged, when the charge indicator turns green. Charging may take a few hours.

NOTE:
- Do not immediately turn on your device after connecting the AC charger to charge a power-depleted battery. Wait for at least one minute.
- Depending on your region of purchase, the AC converter may not look exactly the same as the picture shown.
- Your device can also be charged when it is connected to a desktop computer via the USB cable. If you intend to charge your device in this way, turn off your device so that it takes less time to charge the battery.

CAUTION: For optimal performance of the lithium battery:
- Do not charge the battery where the temperature is high (e.g. in direct sunlight).
- There is no need to fully discharge the battery before charging. You can charge the battery before it is discharged.
- When storing the product for a long period of time, be sure to fully charge the battery at least once every two weeks. Over discharge of the battery can affect the charging performance.

1.4 Using Your Device in a Vehicle

Using the Device Holder

> **CAUTION:**
> - Select an appropriate location for the device holder. Never place the holder where the driver's field of vision is blocked.
> - If the car's windshield is tinted with a reflective coating, an external antenna (optional) may be needed to route the antenna to the top of the car through a window. When closing the car window, be careful not to pinch the antenna cable. (Cars with an anti-jam window design may automatically leave adequate space as needed.)

Use the device holder to mount your device in a vehicle. Make sure that the GPS antenna has a clear view of the sky. (See the *Quick Start Guide* supplied with the device for the installation instruction.)

> **NOTE:** Depending upon the specific model purchased, the device holder supplied with your device may not look exactly the same as the picture shown.

Connecting the In-Car Charger

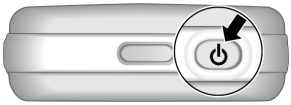
The in-car charger supplies power to your device when you are using the device in a car.

> **CAUTION:** To protect your device against sudden surges in current, connect the in-car charger only after the car engine has started.

1. Connect one end of the in-car charger to the power connector of your device.
2. Connect the other end to the 12-volt cigarette lighter or power port to power and charge your device. The indicator light on the in-car charger lights in green to indicate that power is being supplied to your device.

1.5 Operating Basics

Turning On and Off



Briefly press the power button to turn on and off your device.

When you press the power button to turn off, your device enters a suspend state. The system stops operating and the charge indicator flashes in green.

> **NOTE:** In case you turn off the power by pressing the power button for five seconds, you will need to press the power button for five seconds again for turning on. You will then see the initial start up screen.

Operating the Device

To operate your device, touch the screen with your fingertip. You can perform the following actions:

- **Tap**
  Touch the screen once with your fingertip to open items or select onscreen buttons or options.
- **Drag**
  Hold your fingertip on the screen and drag up/down/left/right or across the screen.
- **Tap and hold**
  Tap and hold your fingertip until an action is complete, or a result or menu is shown.

Home Screen

The first time you initialize your device, the Home screen appears. The Home screen is your starting place for various tasks. Tap a button to start a task or open another menu.

You can access the Home screen at any time by pressing the **Menu** button on the side of your device.

Ref	Button Name	Description	For Detailed Information
❶	**Travel Kit**	Includes Compass and WorldMate.	Chapters 2~3
		Compass shows direction.	Chapter 2
		WorldMate provides useful tools for travelers such as clocks, weather forecast, currency converter, packing list, and more.	Chapter 3
❷	**Contacts**	Keeps a list of names, addresses, and phone numbers.	Chapter 4
❸	**Settings**	Customizes the system settings.	Chapter 8
❹	**MioMap**	Starts the navigation software.	See the manual supplied with the software.

Ref	Button Name	Description	For Detailed Information
❺	**MioPlayer**	Includes MP3 Player, Video Player, and Photo Viewer.	Chapters 5~7
		MP3 Player plays MP3 music.	Chapter 5
		Video Player plays video clips.	Chapter 6
		Photo Viewer displays pictures.	Chapter 7
❻	**Game**	Provides various games.	Chapter 9

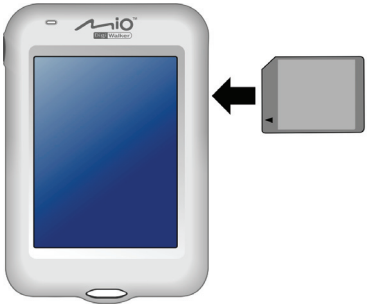
Locking Your Device

You can lock your device so that accidental touching of the device does not cause your device to operate.

To lock your device, slide the lock switch upward to the locked (🔒) position. When you touch the screen or press a device button, the lock icon appears as shown below.

To unlock the device, slide the switch back to the unlocked (🔓) position.

Inserting a SD/MMC Card



Your device has an SD/MMC slot where you can insert an optional Secure Digital or MultiMediaCard storage card.

To use a card, insert it into the slot, with the connector pointing to the slot and its label facing the front of the device.

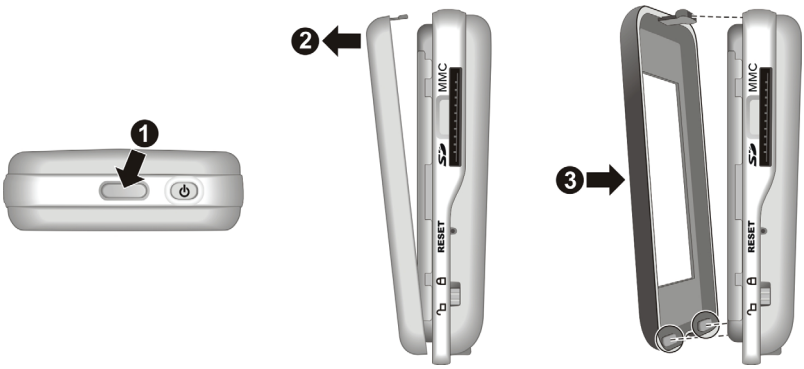
To remove a card, first make sure that no application is accessing the card, and then slightly push the top edge of the card to release it and pull it out of the slot.

NOTE:
- Make sure that no foreign objects enter the slot.
- Keep a SD or MMC card in a well-protected box to avoid dust and humidity when you are not using it.

1.6 Changing the Faceplate

Your device has a detachable faceplate. Your can replace it with an extra faceplate (optional) supplied with your device.

1. Firmly press the faceplate release button.
2. Pull the upper part of the faceplate apart to detach it from the device.
3. To install the other faceplate, attach the lower part first and then fit the upper part into place.



1.7 Connecting the Earphones with the Remote Control

Earphones and an earphones remote control are supplied with your device.

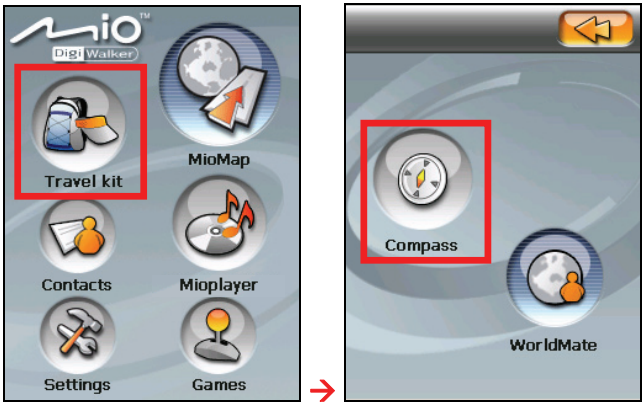
The remote control provides basic control buttons for your device when the MP3 player function is in use.

2 Travel Kit—Compass

2.1 Starting and Exiting Compass

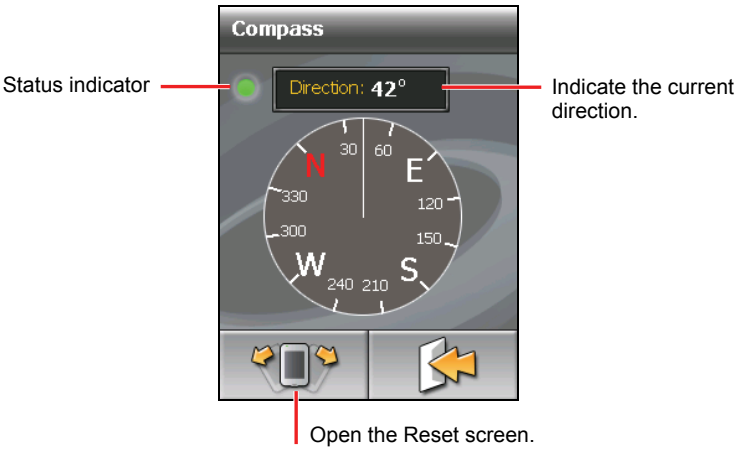
Compass shows direction on the screen.

Tap the **Travel Kit** button on the Home screen and tap the **Compass** button to start the program.



The Compass screen appears. When the status indicator is green, the letter “N” indicates the magnetic north. As you move the device, the compass rotates accordingly.

NOTE: Calibrate the compass when using it for the very first time. (See section 2.3.)



To exit Compass, tap . To exit the Travel Kit menu, tap .

2.2 Notes on Using Compass

Follow these guidelines for an accurate electronic compass:

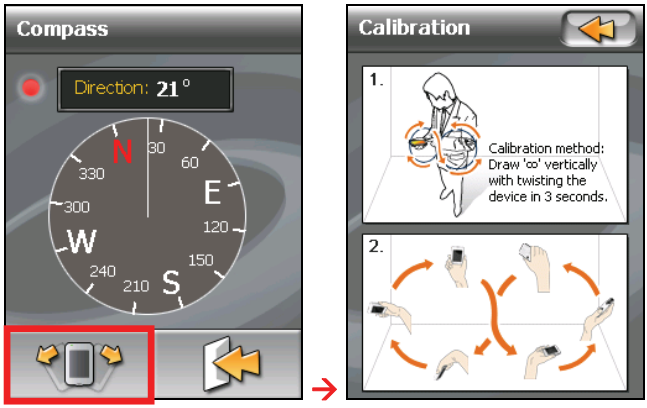
- Hold the device level.
- Keep the device away from objects that generate magnetic fields, such as cars, large belt buckles, computers, cell phones, etc.
- If you must use the compass inside a car, the device should be at least 20 cm (7.87 inches) away from metal objects such as car doors, dashboard, air vents, etc.
- Avoid playing the MP3 music with the internal speaker or connecting the AC adapter. This will cause the magnetic interference to the compass.

2.3 Calibrating the Compass

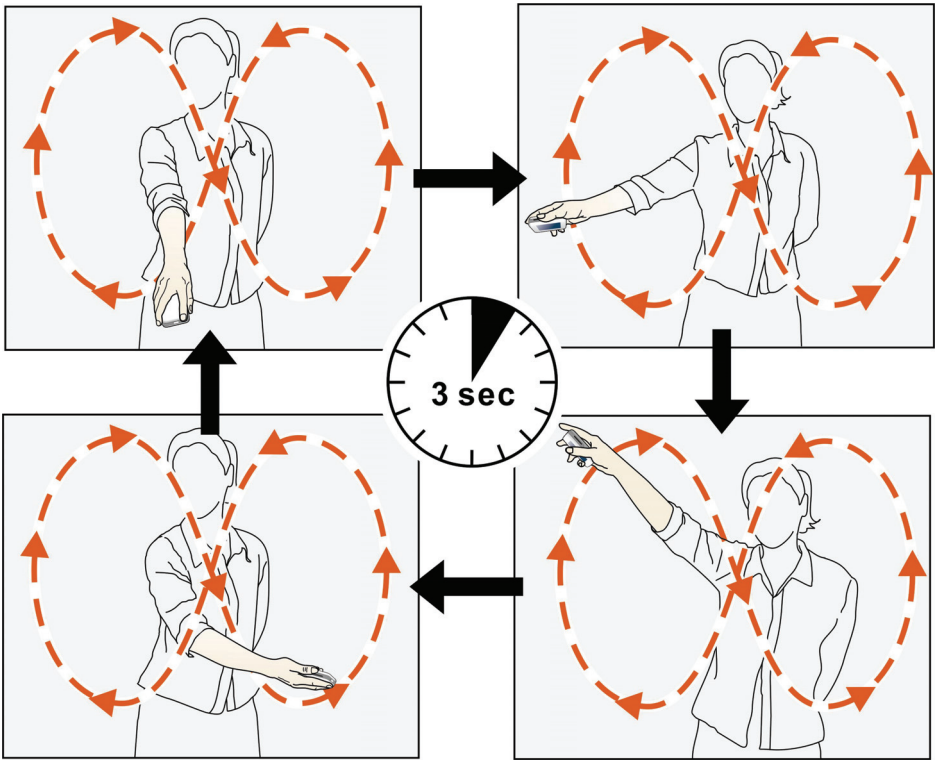
Calibrate the compass whenever needed. For example:

- When the status indicator appears in red.
- When the device has not been used for a long time.
- After significant environmental changes such as location changes and temperature fluctuations.

1. Have the device outdoors and away from metal objects and magnetic fields.
2. Tap on the Compass screen.



3. Lay the device flat in your palm. With your palm facing up, swing your arm as shown on the screen. Do this several times until a message shows to indicate that the compass is calibrated.



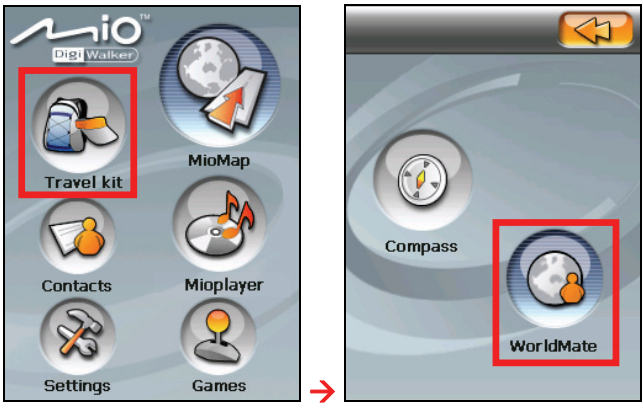
4. Tap the button to go back to the Compass screen. Once the calibration is completed, the status indicator turns green.

3 Travel Kit—WorldMate

3.1 Starting and Exiting WorldMate

WorldMate provides useful tools for travelers such as clocks, weather forecast, currency converter, packing list, and more.

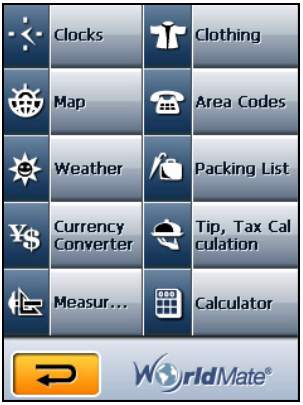
1. Tap the **Travel Kit** button on the Home screen.
2. Tap the **WorldMate** button to start the program.



3. If this is the first time you use WorldMate after initiating your device, the city list appears. Select your home city from the list.

   Your home clock along with four other clocks appears.

4. If this is not the first time you use WorldMate, you will see the screen of the service that you used last time.
5. Tap to go to the WorldMate main menu where you can select a service to use. (See later sections for details.)
6. To exit the program, tap on the WorldMate main menu.

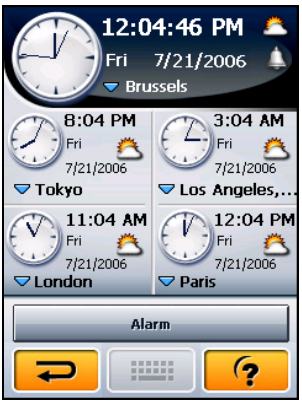


3.2 Clocks

Use **Clocks** to view the date, time, and weather forecasts of the five major cities.

> NOTE:
> - The five major cities include your home city and four other cities which are Tokyo, Los Angeles, London, and Paris by default.
> - Make sure that you have set up the correct time zone, date, and time in Settings. (See Section 8.6 for information.)
> - Before you can view weather forecasts, you have to acquire the information through Internet and transfer the information to your device. (See Section 3.12 for more information.)

Tap the Clocks button on the WorldMate main menu to open the screen as shown here.



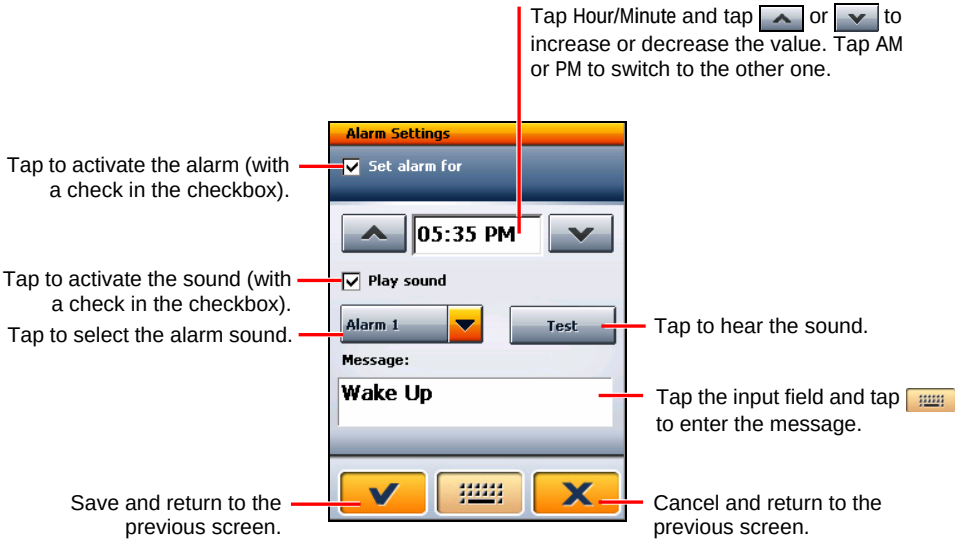
- To change any of the major cities, tap the city name and select from the city list.
- To check the weather forecast of a city, tap .
- To set the alarm, tap or

. (See later section for details.)

Setting the Alarm

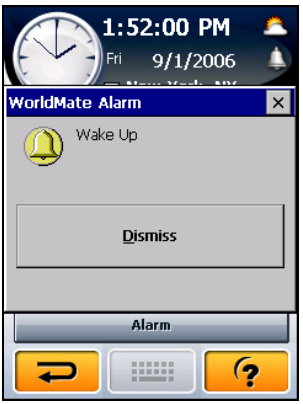
Tap or

to open the alarm setting screen.



When the alarm goes off, a window pops up along with a sound if you have set one.

You can tap the Dismiss button to close the Alarm and turn off the sound.



3.3 Map

Use **Map** to view a day/night world map.

Tap the Map button on the WorldMate main menu to open the screen as shown.

A flashing cross indicates the current city's location on the map.

- To select another city, tap the city name and select from the list. Or, tap the location on the map and the nearest city name will be shown.
- To see the weather forecast of the city, tap .

3.4 Weather

Using the global weather forecast service, you can get a 5-day weather forecast for over 38,000 locations worldwide.

> NOTE: Before you can view weather forecasts, you have to acquire the information through Internet and transfer the information to your device. (See Section 3.12 for more information.)

Tap the Weather button on the WorldMate main menu to open the screen as shown.

- Tap to view a 5-day weather forecast for the selected city.
- Tap the C° or F° button to switch between Celsius and Fahrenheit.
- To select another city, tap the city name and select from the list. (See later section for details.)

Selecting a City

Tap the city name on the Weather screen to open the screen as shown.

This field varies with the setting of the previous item. It can be **City**, **Country**, or **U.S. Zip Code**.

Tap to specify the way you search a city. The options are **City List**, **City and Country** and **U.S. Zip Code**.

This field appears only if the first item is set to City and Country. Tap this field and tap to enter the city name.

Save and return to the previous screen.

Cancel and return to the previous screen.

Open the soft keyboard for entering information such as city name and U.S. zip code.
NOTE: When manually entering a city name, use the English spelling. Do not spell the city name in other languages.

3.5 Currency Converter

Use **Currency Converter** to convert currencies. Once you enter a value for a currency, two other currency values are displayed simultaneously. You can enter up to three values and the values will be automatically summed up.

> NOTE: You can acquire the latest exchange rates through Internet and transfer the information to your device. (See Section 3.12 for more information.)

Tap the Currency Converter button on the WorldMate main menu to open the screen as shown.

Tap an input field and tap to enter the value.

Three currencies are displayed simultaneously. Tap to select a different currency.

Sum of the above

Tap to switch to another currency.

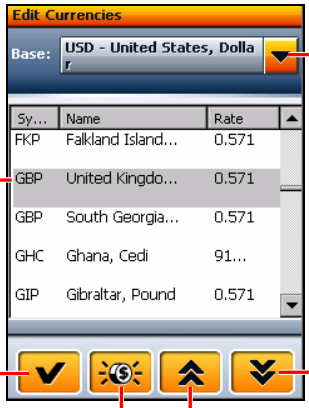
Exchange rate. Tap to edit the exchange rate.

Edit the exchange rate. (See later section for details.)

Clear all the fields.

Adding, Editing, or Deleting the Exchange Rate

Tap the Edit button on the Currency Converter screen to open the edit screen.



Tap to change the currency base.

Tap to edit the exchange rate for the selected currency.

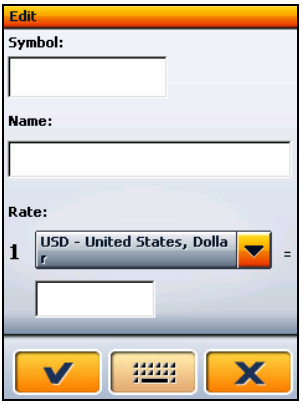
Save and return to the previous screen.

Page down

Add new currency.

Page up

To add a new currency, tap the button. Tap an input field and tap to enter the text or number.



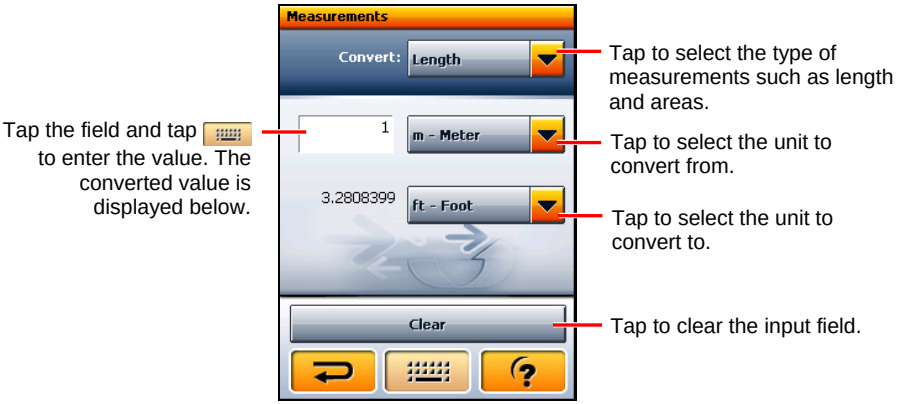
To edit a currency, tap the currency name. Then, tap the field you want to edit and tap to enter the text or number.

To delete a currency, tap the currency name and tap the Delete button.

3.6 Measurements

Use **Measurements** to convert measurements.

Tap the Measurements button on the WorldMate main menu to open the screen as shown.

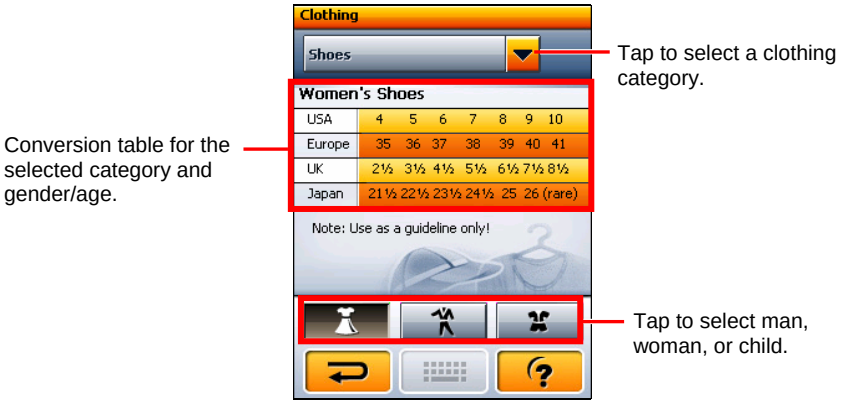


3.7 Clothing

Use **Clothing** to view the size conversion tables for USA, Europe, UK, and Japan.

> NOTE: Use the information as reference only. The actual size can vary among different manufacturers.

Tap the Clothing button on the WorldMate main menu to open the screen as shown.



3.8 Area Codes

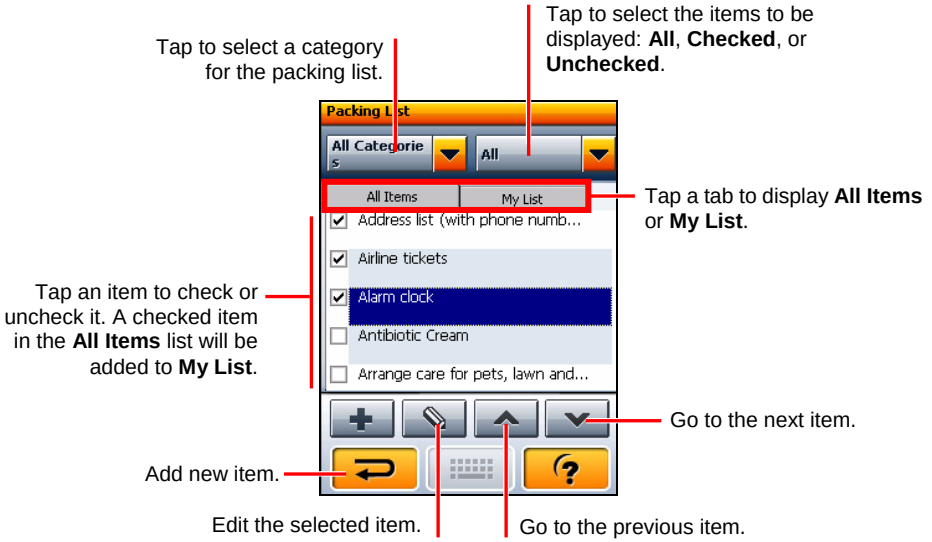
Use **Area Codes** to view the international dialing prefixes, and the US and Canadian area codes.

Tap the Area Codes button on the WorldMate main menu to open the screen as shown.

3.9 Packing List

Use **Packing List** as a note to help you pack your bags.

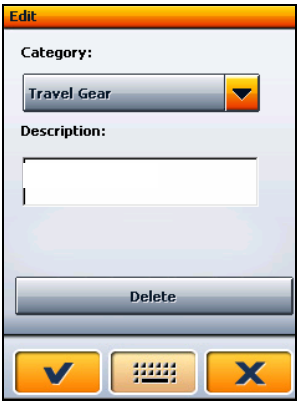
Tap the Packing List button on the WorldMate main menu to open the screen as shown.



Adding, Editing, or Deleting Items

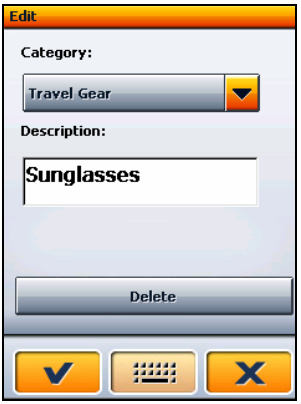
If the item you want to pack is not available in the built-in list, you can manually add it.

Tap the button to open the edit screen. Select a category. Tap the text input field and tap to enter the name of the item. Tap to save the item and return to the previous screen.



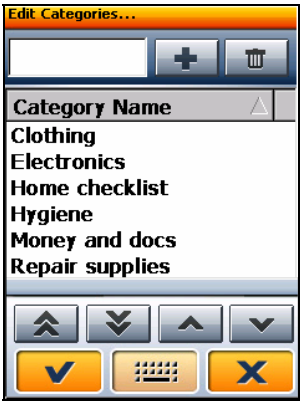
To edit an item, tap the item in the packing list and tap . In the edit screen, select a different category if needed. Tap the description field and tap to modify the text.

To delete an item, tap the item in the list and tap . In the edit screen, tap the Delete button.



Adding, Editing, or Deleting Categories

To edit the category, tap the category list and select the last item Edit Categories... The editing screen appears as shown below.



To add new category, tap to enter the category name and tap to add it to the list.

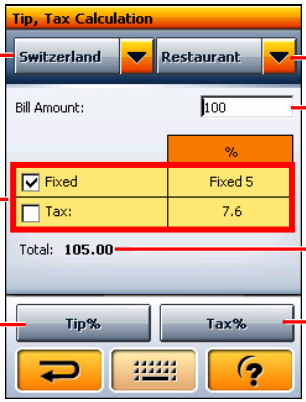
To delete a category, select the category and tap .

3.10 Tip, Tax Calculation

Use **Tip, Tax Calculation** to calculate the recommended tip and tax amounts in over 30 countries worldwide.

> NOTE: The tip rate is provided as a reference only. You can manually change the tip and tax rates.

Tap the Tip, Tax Calculation button on the WorldMate main menu to open the screen as shown.



Tap to select the country you are visiting.

Tap to select the service.

Tap the input field and tap to enter the bill amount.

Tap to include or exclude the item.

Total amount

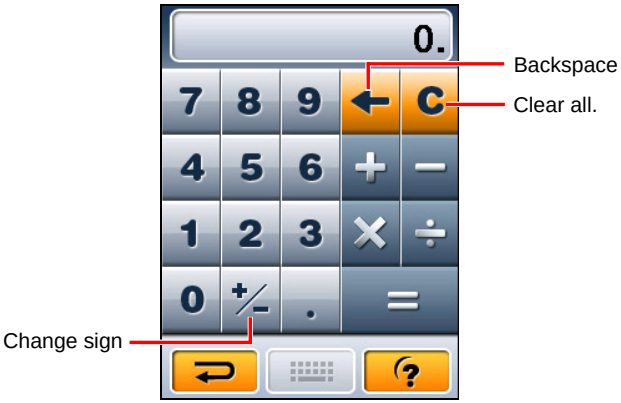
Tap to edit the tip rate.

Tap to edit the tax rate.

3.11 Calculator

Use **Calculator** to perform the basic mathematical calculations.

Tap the Calculator button on the WorldMate main menu to open the screen as shown.



3.12 WorldMate Data Update

Use the WorldMate data update tool to update the latest weather forecasts and the currency exchange rates to your device.

Installing WorldMate Data Update Tool

1. Turn on your computer and insert the Application DVD into the DVD-ROM drive of your computer.
2. Select the language.

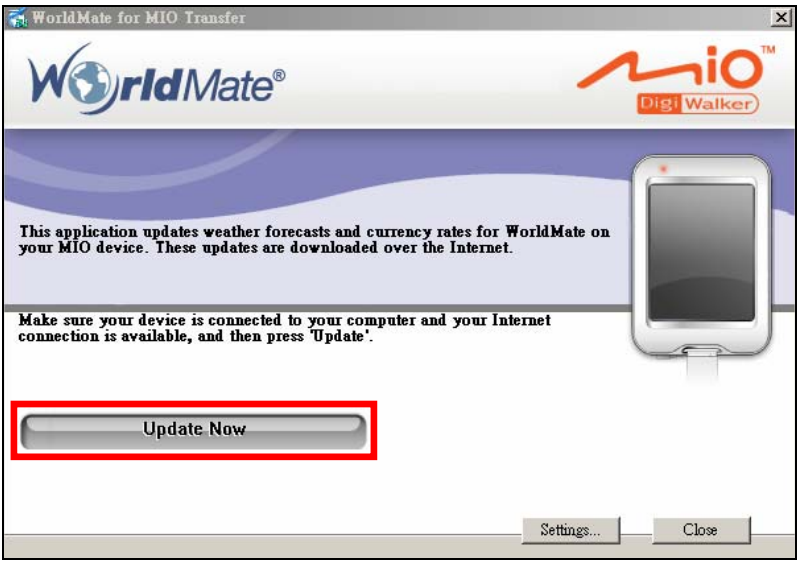
3. Click WorldMate.

4. Follow the onscreen instructions to complete the installation.

Updating the WorldMate Data

NOTE:
- Make sure that Mio Transfer is installed before using the update tool. (See Section 10.2 for information.)
- Make sure that the Internet connection on your computer is available before updating the WorldMate data.

1. Turn on your computer and your device.
2. Connect the mini-USB end of the USB cable to the bottom of your device and the other end to a USB port on your computer.
3. Click WMSync icon on the Windows Desktop to start the program. The WorldMate Transfer screen appears.
4. Click Update Now to start synchronization between your computer and your device.



5. The update process is completed when the progress bar disappears and the Stop Update button changes back to Update Now.

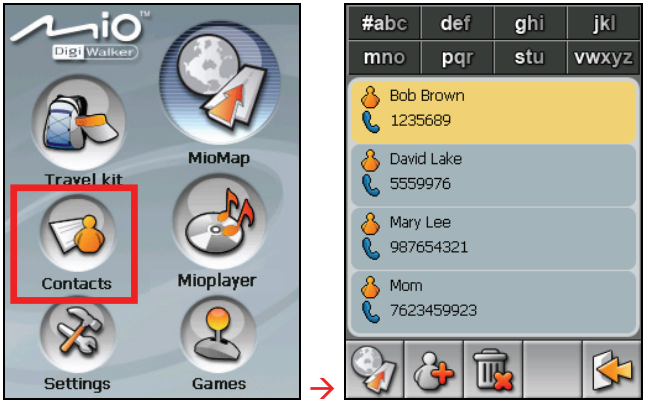
4 Contacts

4.1 Starting and Exiting Contacts

Contacts allows you to keep a list of names, addresses, and phone numbers.

> **NOTE:** If you have created Microsoft Outlook Contacts information on your computer, you can copy the information to your device. (See section 10.4 for information.)

Tap the **Contacts** button on the Home screen to start the program. The contacts list appears.

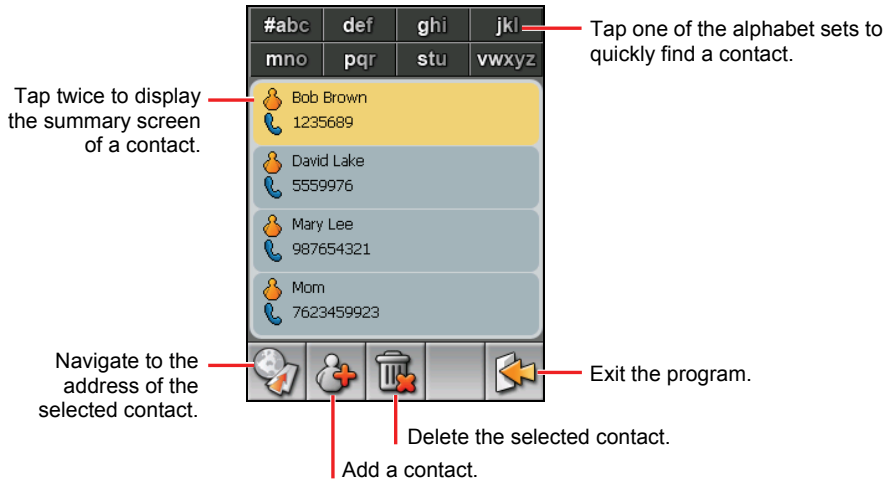


To exit the program, tap .

4.2 Using the Contacts List

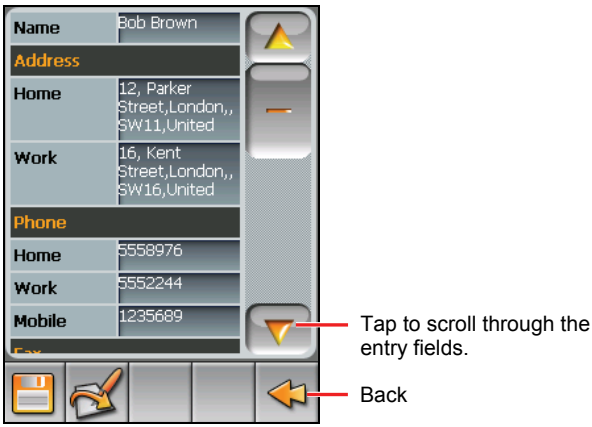
After starting Contacts, the contacts list appears. It shows the names and phone numbers (mobile phone numbers by default) of your contacts.

You can use the various buttons on the screen to search a contact, navigate to the address of a contact and so on.



4.3 Using the Summary Screen

In the contact list, tapping a contact twice displays the summary screen of the contact.

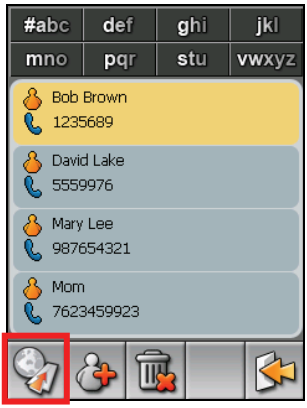


4.4 Navigating to a Contact's Address

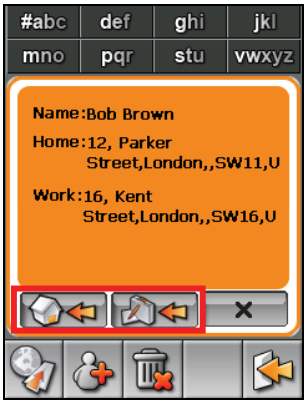
You can set a contact's address as your GPS navigation destination.

1. Tap the **Contacts** button on the Home screen to start the program.

2. In the contact list, select the desired contact and tap .



3. Tap to select the home address or to select the work address.

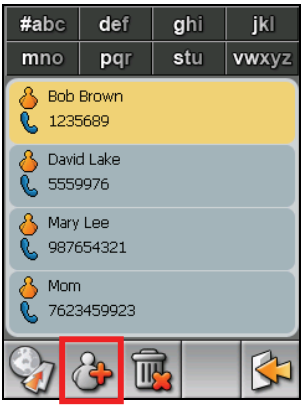


4. The navigation program starts. (See the document supplied with the navigation software for more information.)

4.5 Managing Contacts

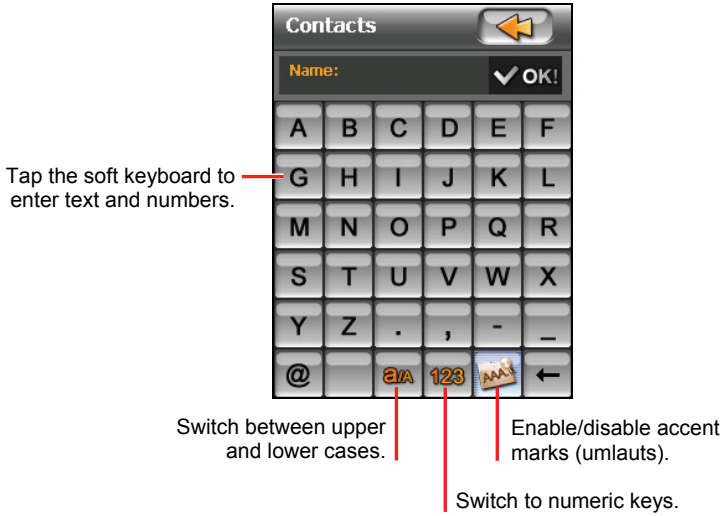
Adding a Contact

1. Tap the **Contacts** button on the Home screen to start the program.
2. Tap .



3. Tap an entry field twice. The soft keyboard appears.

4. Use the soft keyboard to enter the information in the field and tap **OK**.



5. Enter the information in other fields such as address and phone number fields. You will need to scroll down to see all available fields.

6. Tap save the contact's information and return to the contact list.

Editing a Contact

To modify a contact's information:

1. In the contact list, tap the contact twice to open the summary screen.
2. Tap twice the field you want to edit and use the soft keyboard to edit.
3. Tap to save the changes.

Deleting a Contact

In the contact list, select the contact you want to delete and tap .

5 MioPlayer—MP3 Player

5.1 Starting and Exiting MP3 Player

MP3 Player turns your device into an MP3 player. It features:

- Playback of MP3/WAV/WMA files
- Basic playback controls such as play, pause, stop, next and previous
- Playback includes single selection playback, repeat, single repeat, sampling playback, normal sequence and random sequence.
- 11 preset equalizer audio profiles
- Play list support
- Background playing
- Lyrics display

Tap **MioPlayer** on the Home screen and tap to start the program. The control panel appears on the screen where you can easily control the player by tapping the control buttons.

To exit the program, tap .

5.2 Preparing the MP3 Files for You Device

Before using the program, have the MP3 files ready on either your device's **My Flash Disk\Mp3** folder or on a storage card.

A tool called **Mio Transfer** is supplied for you to easily copy the files from your computer to the correct location. (See section 10.3 for information.)

5.3 Playing MP3 Files

1. If your files are in a storage card, insert the card into your device.
2. Tap **MioPlayer** on the Home screen and tap to start the program.
3. The program will search for the MP3 files in your device and in the storage card. When MP3 files are detected, they will be added to the play list.

   NOTE: You can create your own play lists for future playback. (See section 5.6 for details.)

4. To start the playback, tap . To control the playback, use the control buttons as described later.

The MP3 player allows you to play the music in the background while using other functions of your device. You can exit the MP3 player while playing. The playback will continue. To stop the music, go back to the MP3 Player and tap .

NOTE: During the playback, the screen backlight will automatically shut off if you haven't tapped the screen within the preset time (30 seconds by default).The backlight will restore when you press the Power or **Menu** button or when the playback of the current play list has ended.

5.4 MP3 Playback Controls

Control Button	Name	Description
	Play/Pause	Play or pause the playback.
	Stop	Stop the playback.
	Previous/ Next	Play the previous or next file.
	Volume	Increase or decrease the volume. The indicator on the panel shows the current volume level.
	Exit	Close the program and return to the Home screen.
	Play List	Open play list. (See Section 5.6 for more information.)
	Equalizer	Open the equalizer panel. (See Section 5.7 for more information.)
         	Playback Mode	Cycle through the following modes: Repeated playback of all files in sequence Repeated playback of all files in random order Sampling playback in sequence Sampling playback in random order Single playback of the current file Repeated playback of the current file
	Help	Introduce the function and operation of each button. Tap a button to see a description line at the bottom of the screen.
	Video Player	Switch to the Video Player.

Control Button	Name	Description
	Photo Viewer	Switch to the Photo Viewer. **NOTE:** You can switch to Photo Viewer without stopping the music. A message will appear asking you if you want the music to be played in the background.

5.5 Displaying Lyrics

The MP3 Player allows you to display the real-time lyric on the screen while playing songs. This feature is especially handy for you to sing along with the songs.

Preparing the Lyric File for your Device

To display the lyrics, you need to have the lyric files (.lrc) ready on your device's **My Flash Disk\Mp3\lyric** folder.

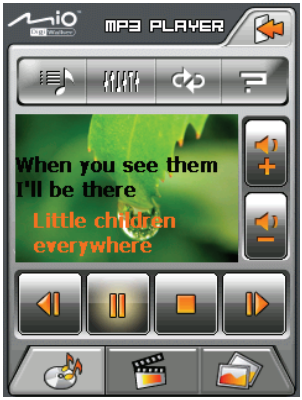
> **NOTE:** You can search and download these .lrc files from the internet.

Use the **Mio Transfer** to copy the lyrics to the correct location of your device. (See section 10.3 for information.) When copying a lyric file to your device, be sure to use the same filename as the audio file. For example, if a MP3 file is named **My Love.mp3**, the lyrics filename must be **My Love.lrc**.

> **NOTE:** When playing songs with lyrics, the 30s backlight shut off feature will be disabled.

Playing Songs with Lyrics

Tap to start the playback. As the song plays, the lyrics scroll line by line on the screen, with the current lyric line highlighted by a different color. The background image changes in turn at a specific time interval.



5.6 Using the Play Lists

By default, the program automatically loads all MP3 files in the play list. You can also create your own play lists for future use.

Creating a Play List

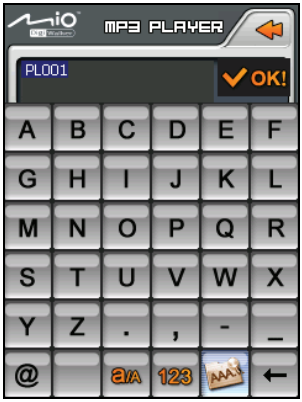
1. After starting MP3, tap on the control panel to open the play list screen. The screen shows the current play list.

2. To add a song to the play list, tap . Select the folder containing your songs.

3. A screen appears displaying all the audio files. Tap the song(s) you wish to add and then tap .

4. To save the play list, tap .

5. The keyboard screen appears where you can change the default name of the play list. Rename the play list if you want. Tap **OK** when finished.



6. To return to the control panel, tap .

Opening a Play List

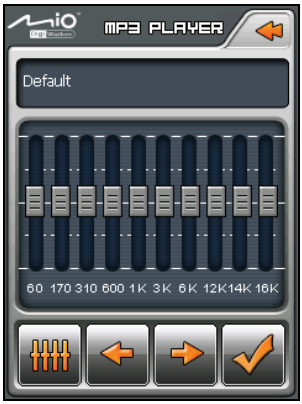
To open one of the play lists that you have created:

1. After starting MP3, tap on the control panel.
2. Tap to display all the play lists you have created.
3. Tap the play list you want to open and tap .

4. To return to the control panel, tap .

5.7 Equalizer

The program provides 11 preset audio profiles. Tap to open the equalizer panel.



Tap or to cycle through the available options: *Default*, *Hall*, *3D*, *Soft*, *Disco*, *Heavy*, *Dance*, *Classic*, *Jazz*, *Pop* and *Rock*.

Tap to save your selection and return to the control panel. Tap to cancel your selection and return to the control panel.

To select the *Default* profile, tap .

6 MioPlayer— Video Player

6.1 Starting and Exiting Video Player

> **CAUTION:** DO NOT view videos while driving. It may be illegal in your state/country for a display showing a video to be in view of the driver.

Video Player allows you to watch the video clips on your device. (See later section for the formats that your device supports.)

Tap **MioPlayer** on the Home screen and tap to start the program.

To exit the program, tap .

6.2 Preparing the Video Files for Your Device

To play video clips, have the video files ready on either your device's **My Flash Disk\My Video** folder or on a storage card.

Note that your device only supports video files in the following formats:

Formats	Video Codec	Audio Codec
MP4 (.mp4)	MPEG-4 SP	AAC
AVI (.avi)	MPEG4 SP	MP3
AVI (.avi)	MPEG4 SP	IMA-ADPCM
AVI (.avi)	H.263 BL	MP3
MP4 (.mp4)	H.263 BL	AAC-LC
QuickTime Movie (.mov)	MPEG4 SP	AAC-LC
QuickTime Movie (.mov)	H.263 BL	AAC-LC
ASF (.asf)	WMV9	WMA
WMV (.wmv)	WMV9	WMA

Use **Video ToolBox** supplied with your device to convert video files to the format supported by your device. (See section 11.4 for information.)

A tool called **Mio Transfer** is supplied for you to easily copy the files from your computer to the correct location. (See section 10.3 for information.)

6.3 Playing Video Clips

1. If your files are in a storage card, insert the card into your device.
2. Tap **MioPlayer** on the Home screen and tap to start the program.
3. The program will search the matching files in the specific folder on your device and in all folders on a storage card. It then displays the video file list. You can press the **Up** or **Down** arrow button to go to next or previous page.

NOTE:

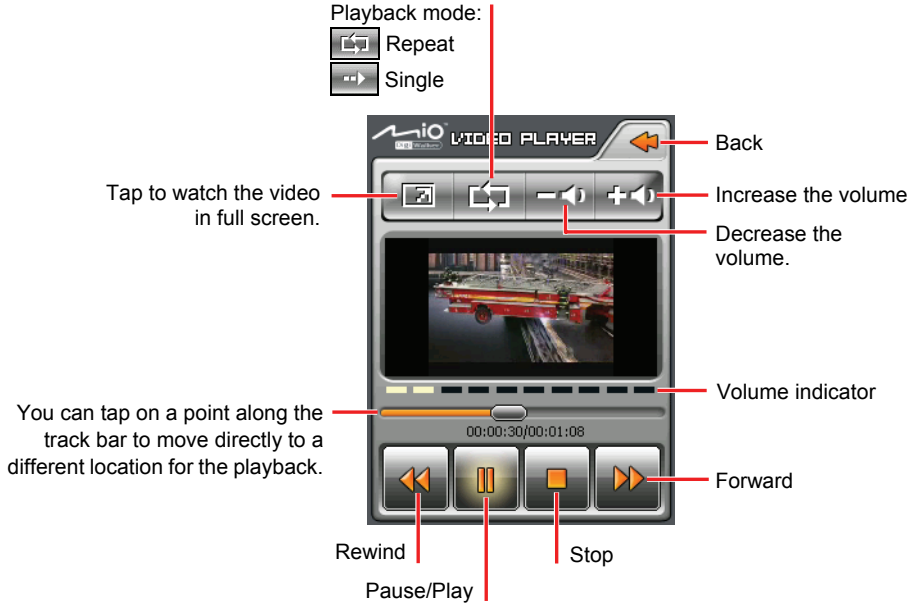
- The files are sorted by file names in the list.
- The file information such as the length of the video and file size is displayed together with the file name.

4. To play a video file, tap the desired file in the list and tap . (See the next section for descriptions of the onscreen control buttons.

5. To watch the video in full screen, tap . To go back to the control panel, tap anywhere on the screen.

6.4 Video Playback Controls

Use the onscreen control buttons to control the playback.



To return to the video file list, tap .

7 MioPlayer— Photo Viewer

7.1 Starting and Exiting Photo Viewer

Photo Viewer allows you to view pictures in JPEG and BMP formats and view the slideshow of the pictures.

> **NOTE:** You can have music playing in the background when you use Photo Viewer. First start the playback in MP3 Player and then switch to the Photo Viewer.

Tap **MioPlayer** on the Home screen and tap to start the program.

To exit the program, tap .

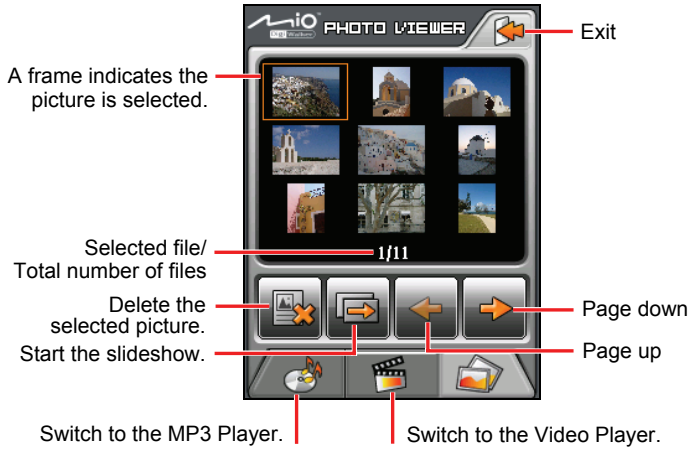
7.2 Preparing the Pictures for Your Device

To view the pictures, have the picture files ready either on your device's **My Flash Disk\My Picture** folder or on a storage card.

A tool called **Mio Transfer** is supplied for you to easily copy the files from your computer to the correct location. (See section 10.3 for information.)

7.3 Viewing Pictures in Thumbnail View

1. If your files are in a storage card, insert the card into your device.
2. Tap **MioPlayer** on the Home screen and tap to start the program.
3. The program will search the matching files in the specific folder on your device and in all folders on a storage card. It then displays the pictures in the thumbnail view. You can press the **Up** or **Down** arrow button to go to next or previous page.



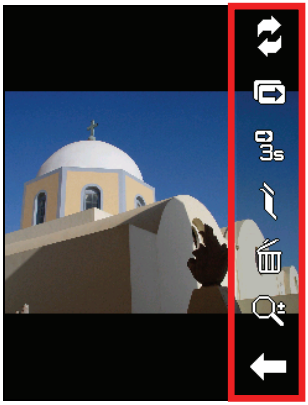
7.4 Viewing a Picture in Full Screen

When you tap a picture twice in the thumbnail view, the picture is displayed in full screen.

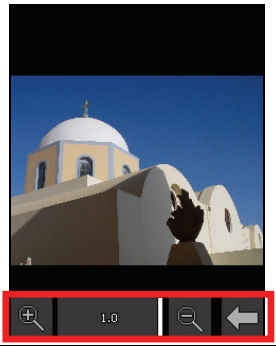
To go back to the thumbnail view, tap anywhere on the screen to display the control buttons and then tap .

7.5 On-Screen Control Buttons

On-screen control buttons provide various functions and settings. Tap anywhere on the picture to display the buttons as shown. To close the buttons, tap the picture again.



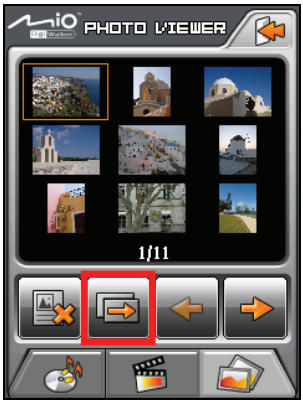
Button	Name	Description
	Transfer	Transfers pictures between the device and the storage card. (See section 7.7 for detailed information.)
	Slideshow	Starts the slideshow. (See section 7.6 for detailed information.)
	Interval	Sets the length of time each slide is displayed before moving on to the next slide. Tap the button to switch to the next available option. 1 second 3 seconds 5 seconds
	Information	Enables or disables the displaying of the name and date of the file.

	Delete	Deletes the current picture.
	Zoom	Opens the zoom bar. Tap the button as many times as needed to zoom in to 1.2x, 1.5x, 1.8x, or 2.0x. When you have zoomed in the picture, you can drag the picture to view other parts of the picture. To close the zoom bar, tap . 
	Back	Goes back to the thumbnail view.

7.6 Viewing the Slideshow

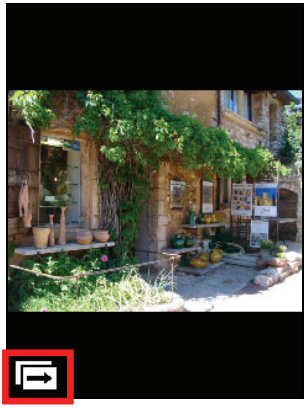
To view the slideshow of all your pictures, use one of the following ways:

- When in the thumbnail view, tap to start the slideshow.



- When in full screen, tap anywhere on the picture to display the on-screen control buttons. Then tap to start the slideshow.

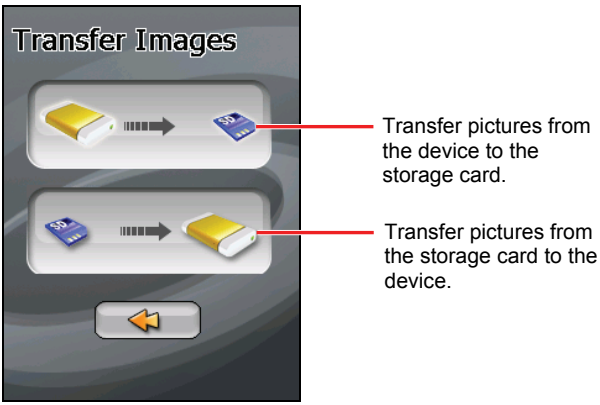
The icon indicates that the slideshow is on. To stop the slideshow, tap anywhere on the screen.



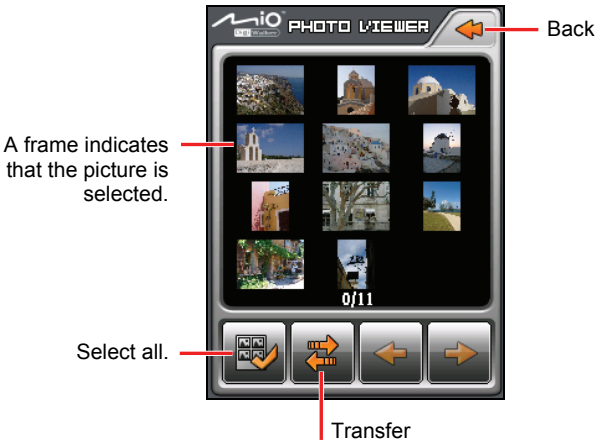
7.7 Transferring Pictures

You can copy pictures from your device to your storage card or from your storage card to your device.

1. In full screen view, tap anywhere on the picture to display the control buttons.
2. Tap .
3. Select one of the two ways to transfer pictures, either from the device to the storage card or from the storage card to the device.



4. The preview screen appears. You can tap to select a picture or several pictures. You can also tap to select all pictures in the source folder.



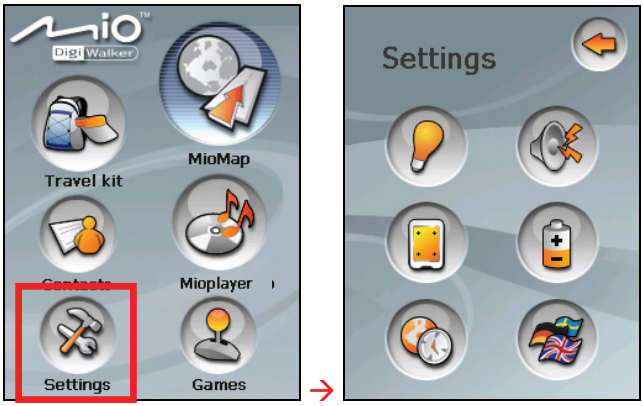
5. After selecting the picture(s), tap to start the file transfer.
6. Once the transfer is completed, tap to end the transfer. Then tap to go back to the preview screen.

8 Settings

8.1 Starting and Exiting Settings

You can customize the system settings such as backlight brightness, volume, and language. Once you change the settings, the new settings will remain until you change them again.

Tap the **Settings** button on the Home screen. The Settings menu appears as shown below.



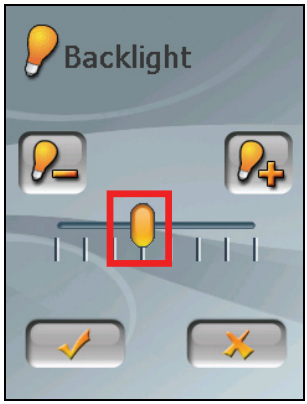
To exit Settings, tap .

The following sections describe the various buttons and their functions.

8.2 Backlight

1. Tap the **Settings** button on the Home screen.
2. Tap the **Backlight** button.

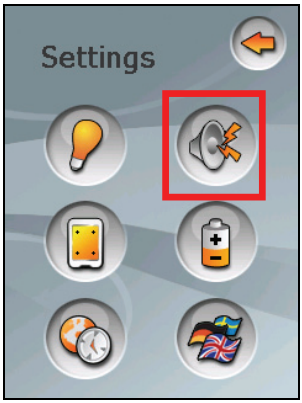
3. Move the knob along the track bar to adjust the brightness of the backlight. To darken the backlight, move the knob to the left. To lighten the backlight, move the knob to the right.



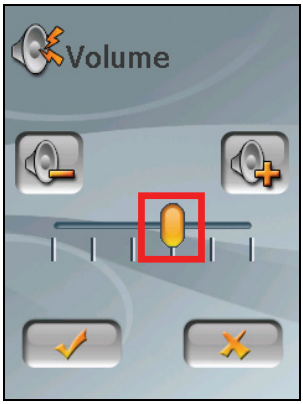
4. Tap to save the changes.

8.3 Volume

1. Tap the **Settings** button on the Home screen.
2. Tap the **Volume** button.



3. Move the knob along the track bar to adjust the volume. To decrease the volume, move the knob to the left. To increase the volume, move the knob to the right.



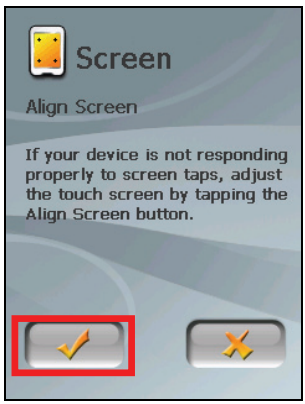
4. Tap to save the changes.

8.4 Screen

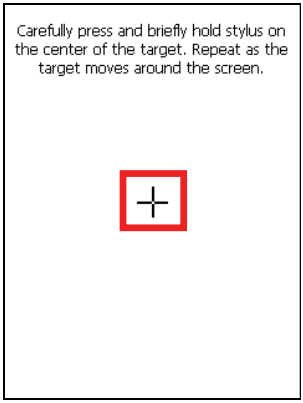
You can calibrate the touch screen if it is not responding accurately to your taps.

1. Tap the **Settings** button on the Home screen.
2. Tap the **Screen** button.

3. Tap to start the calibration.



4. Tap and hold the centre of the target.



5. When the target moves to another position, tap and hold the centre of the new target. Repeat each time to complete the calibration process.
6. When completed, tap .

8.5 Power

To check the remaining power level of your battery and/or set up the power saving feature:

1. Tap the **Settings** button on the Home screen.
2. Tap the **Power** button.

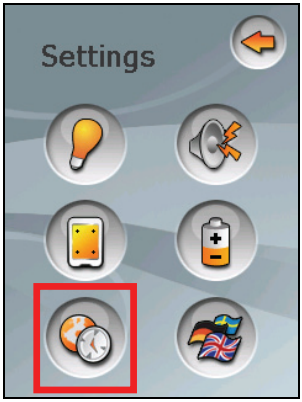
3. The screen shows the remaining power of your battery.

You can set a timer to automatically turn off your device when it is idle for a set period of time. The options include **Never, 30 minutes**, **20 minutes**, and **10 minutes**.

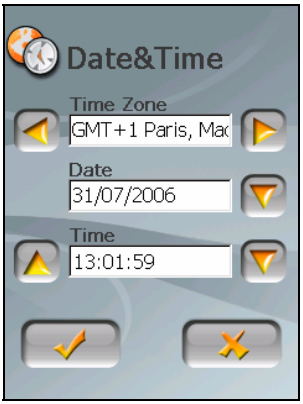
4. Tap to save the changes.

8.6 Date&Time

1. Tap the **Settings** button on the Home screen.
2. Tap the **Date&Time** button.

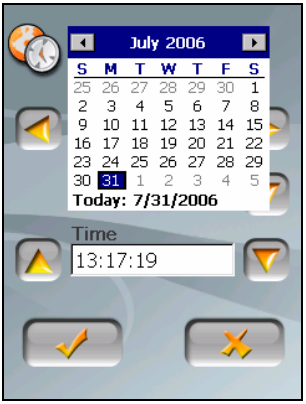


3. To change the time zone, tap the left/right arrow in the “Time Zone” item.



4. To change the date, tap the down arrow in the “Date” item. A calendar pops up. Tap the left arrow on the calendar to go to the earlier month and year or the right arrow to the later month and year. Alternatively, you can tap the month or year on top of the calendar to directly change the month or year.

   When the calendar shows the current month, tap the date on the calendar.



5. To set the time, first tap the hour, minute, or second in the “Time” item and then tap the up arrow to increase or down arrow to decrease the value.

6. Tap to save the changes.

8.7 Change Language

> NOTE: To change the language of the Mio Map navigation software, use Mio Map settings. (See the document supplied with the navigation software.)

1. Tap the **Settings** button on the Home screen.
2. Tap the **Change Language** button.

3. Tap the left/right arrow button to select the desired language.

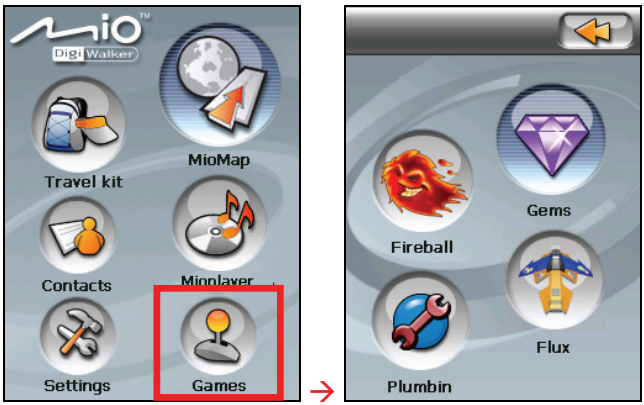
4. Tap to save the changes.

9 Games

9.1 Starting and Exiting Games

Games provides various games for you to play.

Tap the **Games** button on the Home screen. The Games menu appears as shown below.



To start playing a game, simply tap the game button on the menu.

To exit Games menu, tap .

10 Mio Transfer

10.1 About Mio Transfer

Mio Transfer allows you to easily transfer data such as MP3, video and photos between your device and a computer, synchronize your contacts and recover the system and the application programs to its default states. It provides the following tools:

- **Movie**
  Allows you to transfer the video files between your device and your computer. (See section 10.3 for details.)

- **Contacts**
  Allows you to copy the **Microsoft Outlook Contacts** information from your computer to your device. (See section 10.4 for details.)
- **Recover**
  Allows you to recover the system and the application programs to its default states.
- **Mio online**
  Provides link to the Mio website.
- **About**
  Provides program information.
- **MP3**
  Allows you to transfer the MP3 files between your device and your computer. (See section 10.3 for details.)
- **Photo**
  Allows you to transfer pictures between your device and your computer. (See section 10.3 for details.)

10.2 Installing Mio Transfer

1. Turn on your computer and insert the Application DVD into the CD-ROM drive of your computer.
2. When the language selecting screen appears, click the language that you wish to install from.

3. Click Install Mio Transfer.

4. Click Next. Follow the onscreen instructions to complete the installation.

> NOTE: If Mio Transfer has already been installed on your computer, clicking InstallI Mio Transfer will remove the application from your system.

10.3 Copying MP3/ Video/ Pictures to Your Device

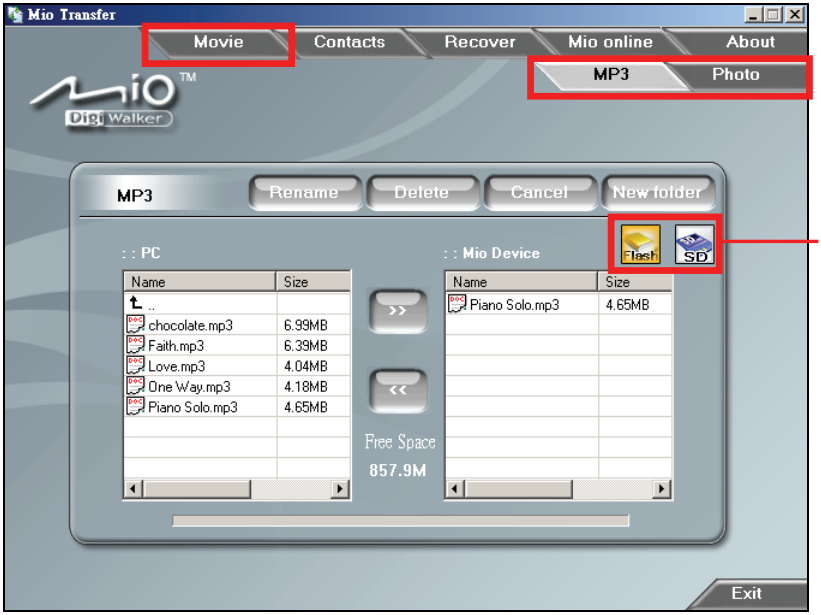
Before playing MP3 music, video, or viewing pictures, you need to have the MP3, video or picture files ready on your device. Use Mio Transfer to copy the files from your computer to the correct location on your device.

1. If you want to copy the files to a storage card, insert the card to your device.
2. Turn on your computer and your device.
3. Connect the mini-USB end of the USB cable to the bottom of your device and the other end to a USB port on your computer.
4. Start Mio Transfer by clicking **Mio Transfer** icon on the Windows Desktop. The Mio Transfer screen appears.
5. You can copy MP3, video or picture files by clicking the following button:
   - To copy the MP3 files, click **MP3** on the top menu bar.
   - To copy the video files, click **Movie** on the top menu bar.
   - To copy the photos or pictures, click **Photo** on the top menu bar**.**

   The left column shows the drives of your computer and the right column shows the files in the appropriate folder of the target device (either

or

).



5. Select your target device by clicking one of the icons:

   - - the flash memory of your device
   - - a storage card inserted into your device.

6. Select the folder where your files are stored from the left column. Select the file you want to copy and tap button. The status bar will indicate the progress of file transfer and the selected file will be copied to the target device.

   NOTE: You can also copy the files from your device to your computer. First select the file you want to copy from the right column and select a folder on the left column to place these files. Then click to start the file transfer.

Managing Your Files

Various buttons are available for you to manage the files:

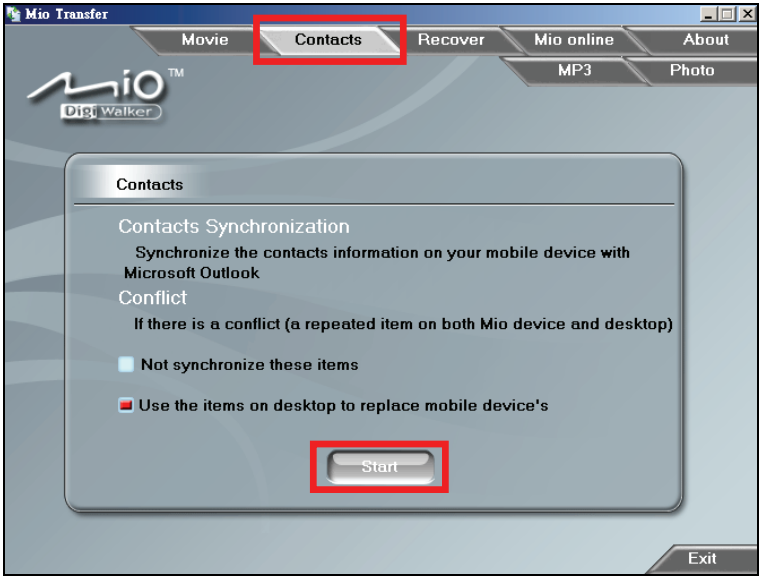
- **Rename**
  Changes the name of the selected file.
- **Delete**
  Removes the selected file.

  CAUTION: Be discrete when you delete files. Deleting files of which the function is unknown can cause programs or features to malfunction.
- **Cancel**
  Aborts the ongoing action of file transfer.
- **New Folder**
  Creates a new folder in the selected drive or folder.

10.4 Copying Contacts Information to Your Device

You can use Mio Transfer to copy the Microsoft Outlook Contacts information from your computer to your device. This saves you the time for entering the information all over again on your device or on your computer. (For information on Contacts, see Chapter 4.)

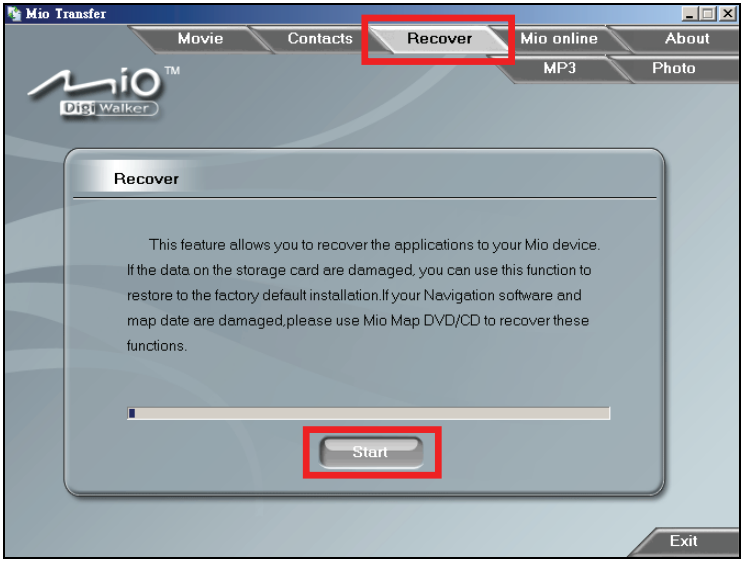
1. Turn on your computer and your device.
2. Connect the mini-USB end of the USB cable to the bottom of your device and the other end to a USB port on your computer.
3. Start Mio Transfer by clicking the **Mio Transfer** icon on the Windows Desktop. The Mio Transfer screen appears.
4. Click **Contacts** on the top menu bar.
5. Select your option and click **Start**.



10.5 Recovering Your Device

Recover allows you to recover the application programs (i.e. Photo Viewer, Contacts, etc.) if any on your device is lost or damaged.

1. Turn on your computer and your device.
2. Connect the mini-USB end of the USB cable to the bottom of your device and the other end to a USB port on your computer.
3. Start Mio Transfer by clicking the **Mio Transfer** icon on the Windows Desktop. The Mio Transfer screen appears.
4. Click **Recover** on the top menu bar.
5. Click **Start** to start the recovering process. The status bar will show the progress of the recovery.



6. When the recovering process is complete, reset your device. (Refer to Section 12.1 for more information.)

11 Video ToolBox

11.1 About Video ToolBox

Video ToolBox allows you to import media in a variety of sources and save it in a specific file format so you can watch the video on your device. You can also use the editing tools such as trimming the clip and adding special effects to create a customized project.

11.2 Installing Video ToolBox

1. Turn on your computer and insert the **Application DVD** into the DVD-ROM drive of your computer.
2. When the Language Selecting screen appears, click the language that you wish to install from.

3. Click **Video Toolbox** and follow the onscreen instructions to finish the installation.

11.3 User Interface

Ref	Name	Description
❶	**File menu**	Select to open a menu where you can save your project file and set project preferences.
❷	**Options Panel**	Displays controls, buttons, and other information that you can use to customize the project. The contents of this panel change depending on the step you are in and the selected project element.
❸	**Step buttons**	Click to go to the next or previous step.
❹	**Media Clip List**	Displays the clips, transition effects and text that are used in the project. Click ⊗ to remove the clip from the Media Clip List or click ⓘ to view the selected clip's properties.
❺	**Step Panel**	Displays buttons that correspond to the different video editing steps.
❻	**Preview Window**	Displays the video playback.
❼	**Navigation Panel**	Displays buttons for playback and trimming clips.

11.4 Four Steps to Create a Video File

Step 1: Determine Video Output Setting

1. On Windows desktop, click **Start** → **Programs** → **Video ToolBox 2.0 Home Edition** → **Video ToolBox 2.0 Home Edition**.
2. On the first screen, select **Default** (MP4) as the output format.

3. Click **Enter**.

Step 2: Add/Edit Media Clip

4. Click one of the **Add Media** buttons depending on your media source. (For detailed information, see sections 11.5 to 11.7.)
   - To add a video file, click .
   - To add an image file, click .
   - To add video from a DVD-Video or DVD-VR discs, click .
   - To add video from a digital source (e.g. DV camcorder), click .

- To add video from an analog source (e.g. TV tuner card), click .

5. Click **Next** to continue.

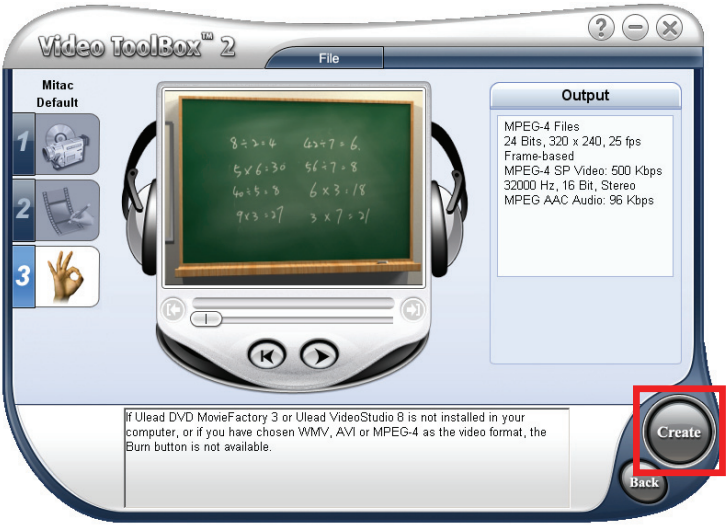
Step 3: Choose Style

6. If you want, you can choose a movie style from the available themes and edit movie style elements. If you do not want to apply a style for your project, select the default white theme. (See Section 11.8 for details.)

7. Click **Next** to continue.

Step 4: Create Video File

8. Click **Create** to save your video file in the selected output video format.



9. In the dialog box, enter the filename and click **Save**.

11.5 Adding Media Clips

Inserting Clips into Your Project

Insert video, image and DVD/DVD-VR video into the project's Media Clip List. To insert a clip, just click an **Add Media** button and in the dialog box that opens, locate the file and click **Open/OK**.

> **NOTE:** Video ToolBox can only import DVD videos from non-copy-protected DVD discs or folders.

Capturing Digital Video

Video ToolBox lets you capture video from DV devices such as DV camcorders. Video ToolBox automatically saves the captured video in the DV AVI format.

To capture digital video:

1. Click (Capture Digital Video).
2. Click (Toggle Display).
3. Specify a **Capture folder** in which to save video files.
4. Click **Options** to open a menu for customizing more capture settings. The available options in the menu depend on the selected capture plug-in.
5. Use the Navigation Panel to scan your video to search the part to capture. The device control must be properly set up to be able to control the DV camcorder. To set up the device control, click **Options** and select **Select Device Control**. In the dialog box, select the device control to use in **Current device**.
6. When you locate the start of the section that you want to capture, click **Capture Video** to start capturing.
7. Click **Stop Capture** or press the **Esc** key to stop capturing.
8. Click **OK**.

Capturing Analog Video

When footage is captured from analog sources such as VHS, Video¬8, or TV, it is converted to a digital format that can be read and stored by the computer. Video ToolBox automatically saves the captured video in the DV AVI format.

To capture analog video:

1. Click (Capture Analog Video).
2. Click (Toggle Display).
3. Specify a **Capture folder** in which to save video files.
4. Click **Capture Video** to start capturing. Click **Stop Capture** or press the **Esc** key to stop capturing.
5. Click **OK**.

Capturing Still Images

In addition to capturing video, Video ToolBox also allows you to capture still images when the source is digital video or analog video. Images are saved in JPEG format and the size depends on the source video's frame size.

To capture still images, click **Capture Image** when you see the image you want to capture in the Preview Window.

11.6 Editing Video Clips

When video clip(s) are added, the editing tools include:

- **Multi-trim Video**
  Allows you to choose desired segments from a video file and extract them.
- **Split Video**
  Cuts the selected clip into two.
- **Auto-enhance**
  Select to automatically adjust the hue, saturation, brightness and the contrast of the clip.

Trimming a Clip

To split a video clip:

1. Select the clip you want to split on the Media Clip List.
2. Drag the Jog Bar to the point where you want to cut the clip.

3. Click **Split Video** to cut the clip into two clips.

   To remove one of these clips, select the unwanted clip and click ⊗ .

To trim a video clip with the Trim Bar:

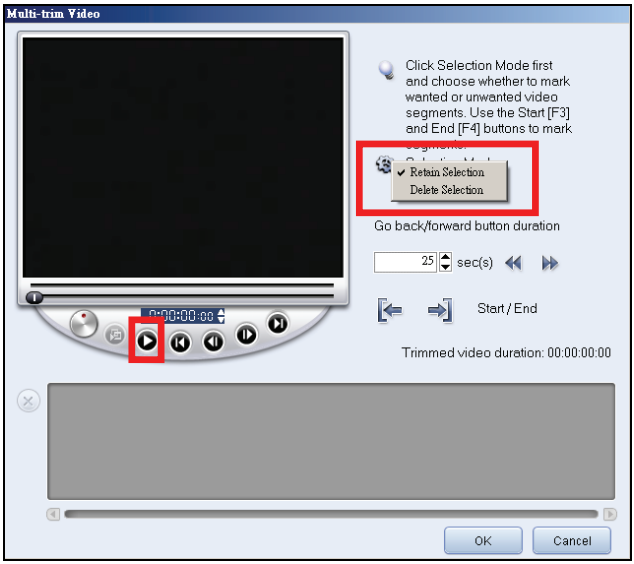
1. Select the clip you want to split on the Media Clip List.
2. Click and drag the Trim handles on the Trim Bar to set the Mark-in/Mark-out points on the clip.

3. Drag the Jog Bar to the point in the clip that you want to set as the start/end of the clip then click .(Mark-in/Mark-out).

Trimming a Video into Multiple Clips

1. Click **Multi-trim Video** on the Options Panel.
2. In the **Multi-trim Video** dialog box, view the whole clip first by clicking to determine how you want to mark segments. If you want to mark segments to retain, click **Selection Mode** then select **Retain selection**.

   Otherwise, select **Delete selection** if you prefer to mark segments that you want taken out from the clip.



3. Drag the Jog Bar until you locate the point in the video that you want to use as the beginning frame of the first segment. Click (Start).

   Drag the Jog Bar again, this time, to the point where you want the segment to end. Click (End).

4. Repeat step 3 as required until you have marked all the segments you want kept or removed.

5. Click **OK** when finished. The video segments that you kept are then inserted onto the Media Clip List.

Multi-Trim Video Control

Control Button	Description
/	Reverses or advances through the video in fixed increments. By default, these buttons move up or down through the video in increments of 25 seconds. To change this, tap the up or down arrow to adjust the value.
	Click and hold to open the speed bar. Select a speed and hold it there to quickly reverse or advance through the video.
	Plays the trimmed segments.
	Plays the whole video.
/	Moves to the start or end frame of a trimmed segment.
/	Moves to the previous/next frame in the video.

11.7 Creating an Image Slideshow

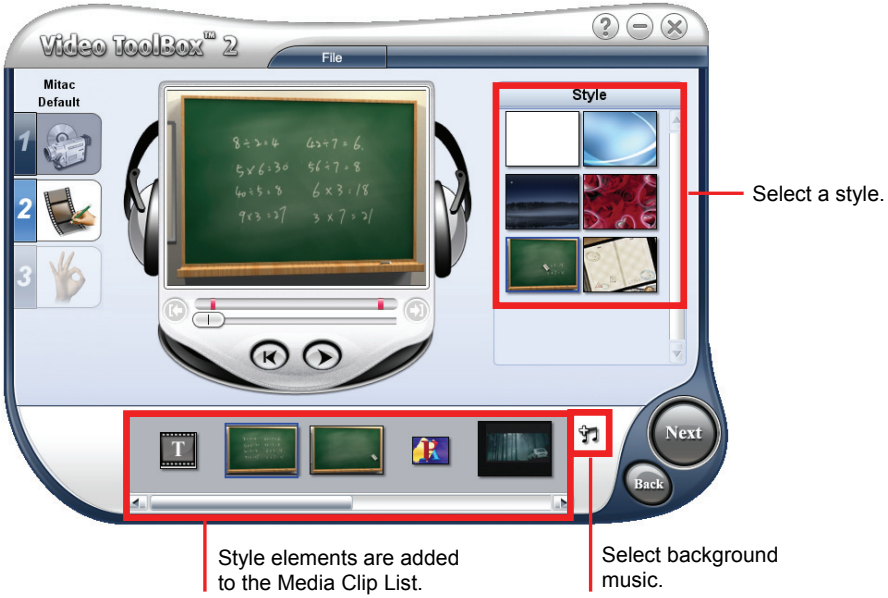
You can create a video slideshow using your images. To create, click (Insert Image) and, in the dialog box, select the images (press **Ctrl** or **Shift** to select multiple files) you want to include in the slideshow and click **Open**. The duration of each image can be set in the Preferences dialog box.

Use the rotate buttons to change the orientation of the selected image.

Rearrange the clips in the Media Clip List by dragging and dropping the clip to the desired position.

11.8 Choosing a Style

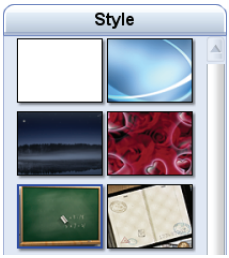
A style refers to a set if attributes including beginning/ending clips, transition effects, and background music.



Selecting a Movie Style

In the Options Panel, click the style you want to use.

A beginning clip and an ending clip in the selected style will be added to your project.

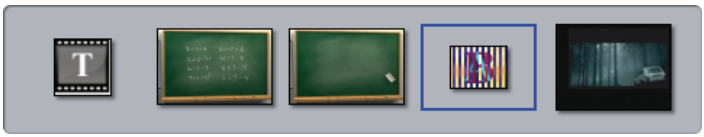


Changing the Transition Effect

With multiple video clips or image files in the Media Clip List, default transition effects are applied to the project according to the style selected.

To change the transition effect

1. In the Media Clip List, click the transition effect you want to change.

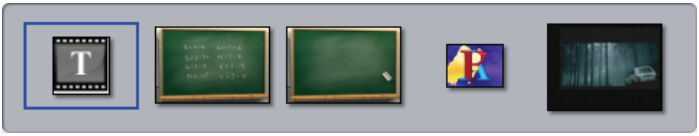


2. In the Options Panel, select a transition effect from the drop-down menu.

> **NOTE:** You can click **Delete All** to remove all transition effects in the Media Clip List.

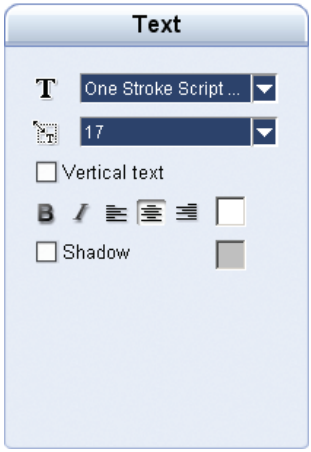
Editing Text

1. In the Media Clip List, click the beginning or ending text you want to edit.



2. In the Preview Window, double-click the text box to edit the text. Click an empty space in the Preview Window when you are done editing the text.

3. Adjust the text attributes using the settings in the Options Panel.

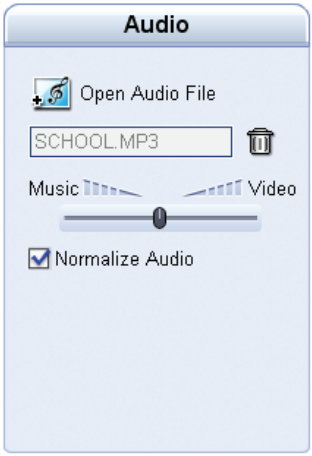


- **Font face** Select your desired font style.
- **Font size** Set your desired font size.
- **Vertical text** Makes the orientation of the title vertical.
- **Font style** Set the text as bold, italic and/or underlined.
- **Alignment** Aligns horizontal text to the left, center, or right. Or, aligns vertical text to the top, center, or bottom.
- **Color** Specify your preferred font color.
- **Shadow** Select to add a shadow to the text. Click the color box to change the shadow color.

Change the Background Music

1. Click the button.
2. In the Options Panel, click **Open Audio File**. In the dialog box, locate the audio file you want to use for your background music and click **Open**.

> **NOTE:** You can click to remove the background music from the project.



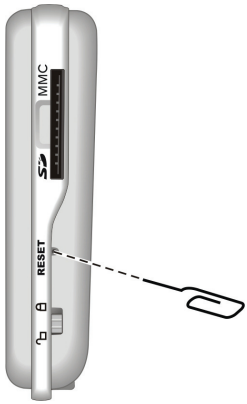
3. Use the Volume slider to adjust the volume of the background music with respect to the video's audio. Dragging the slider to the left increases the volume of the background music and decreases the volume of the video's audio.
4. Select **Normalize Audio** to automatically adjust the volume to a standard level. This is useful when the background music used is recorded at varying volume levels.

12 Troubleshooting and Maintenance

12.1 Resetting Your System

Occasionally, you may need to reset your device. For example, you should reset your system when it stops responding; or appears to be “frozen” or “locked up.”

Insert a small rod, such as a straightened paperclip, into the reset button of your device. This is called a “soft reset.” The Home screen should appear after a soft reset.



12.2 Troubleshooting

> **NOTE:** If you encounter a problem you cannot solve, contact an authorized service center for assistance.

Power Problems

Power does not turn on when using battery power

- The remaining battery power may be too low to run your device. Connect the AC charger to your device and to AC power. Then, turn on your device.

Screen Problems

Screen is off

If the screen does not respond even after you press the power button, try the following in order until the problem is solved:

- Connect the AC charger to your device and to external AC power.
- Reset your system.

Screen responds slowly

- Make sure that your device is not running out of battery power. If the problem still exists, reset your system.

Screen freezes

- Reset your system.

Screen is hard to read

- Make sure that the backlight of the display is on.
- Move to a location with more light.

Inaccurate response to taps

- Recalibrate the touch screen. (See section 8.4 for instructions.)

Connection Problems

Cable Connection Problems

- Make sure that your device and your computer are both turned on before trying to establish a connection.
- Make sure that the cable is securely plugged into the USB port on your computer and on the device. Connect the USB cable directly to your computer—do not run the cable through a USB hub.
- Reset your device before connecting the cable. Always disconnect your device before you restart your computer.

GPS Problems

When there are no valid signals available, consider the following:

- Make sure that the GPS antenna has a clear view of the sky.
- Note that the GPS reception can be affected by:
  - ✓ Bad weather
  - ✓ Dense overhead obstacles (e.g. trees and tall buildings)
  - ✓ Other wireless device in the car
  - ✓ Reflective car window tint

12.3 Maintaining Your Device

Taking good care of your device will ensure trouble-free operation and reduce the risk of damage to your device.

- Keep your device away from excessive moisture and extreme temperatures.
  - ✓ Operating Temperature: 0˚C~40˚C (32 °F~104°F).
  - ✓ Storage Temperature: -20˚C~60˚C (-4 °F~140°F).
- Avoid exposing your device to direct sunlight or strong ultraviolet light for extended periods of time.
- Do not place anything on top of your device or drop objects on your device.
- Do not drop your device or subject it to severe shock.
- Do not subject your device to sudden and severe temperature changes. This could cause moisture condensation inside the unit, which could damage your device. In the event of moisture condensation, allow the device to dry out completely before use.
- Do not sit on your device. Avoid carrying your device in your back pocket.
- The screen surface can be easily scratched. Sharp objects may scratch the screen. You may use non-adhesive generic screen protectors designed specifically for use on portable devices with LCD panels to help protect the screen from minor scratches.
- Never clean your device with it powered on. Use a soft, lint-free cloth moistened with water to wipe the screen and the exterior of your device.
- Do not use paper towels to clean the screen.
- Never attempt to disassemble, repair or make any modifications to your device. Disassembly, modification or any attempt at repair could cause damage to your device and even bodily injury or property damage and will void any warranty.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as your device, its parts or accessories.

13 Regulatory Information

NOTE: Marking labels located on the exterior of your device indicate the regulations that your model complies with. Please check the marking labels on your device and refer to the corresponding statements in this chapter. Some notices apply to specific models only.

13.1 Regulations Statements

Class B Regulations

USA
Federal Communications Commission Radio Frequency Interference Statement

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Please note:

The use of a non-shielded interface cable with this equipment is prohibited.

Canada
Canadian Department Of Communications
Radio Interference Regulations Class B Compliance Notice

This Class B digital apparatus meets all requirements of the Canada Interference-Causing equipment regulations.

Cet appareil numérique de Classe B respecte toutes les exigences du Règlement Canadien sur le matériel brouileur.

European Notice

Products with the CE marking comply with Radio & Telecommunication Terminal Equipment Directive (R&TTE) (1999/5/EEC), the Electromagnetic Compatibility Directive (89/336/EEC) and the Low Voltage Directive (73/23/EEC) – as amended by Directive 93/68/ECC - issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Standards:

EN301489-1: Electronic compatibility and Radio spectrum Matters (ERM), ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
EN301489-3: Electronic compatibility and Radio spectrum Matters (ERM), ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 40 GHz
EN55022: Radio disturbance characteristics
EN55024: Immunity characteristics

EN6100-3-2: Limits for harmonic current emissions
EN6100-3-3: Limitation of voltage fluctuation and flicker in low-voltage supply system
EN60950 / IEC 60950: Product Safety

The manufacturer cannot be held responsible for modifications made by the User and the consequences thereof, which may alter the conformity of the product with the CE Marking.

13.2 Safety Precautions

- Prolonged listening of music in maximum volume can damage the ears.

About Charging

- Use only the AC charger/ in-car charger supplied with your device. Use of another type of AC charger will result in malfunction and/or danger.
- This product is intended to be supplied by a LISTED Power Unit marked with "LPS", "Limited Power Source" and output rated + 5 V dc / 1.0 A".
- Use a specified battery in the equipment.

About the AC charger/ In-car charger

- Do not use the adapter in a high moisture environment. Never touch the adapter when your hands or feet are wet.
- Allow adequate ventilation around the adapter when using it to operate the device or charge the battery. Do not cover the AC charger with paper or other objects that will reduce cooling. Do not use the AC charger while it is inside a carrying case.
- Connect the adapter to a proper power source. The voltage requirements are found on the product case and/or packaging.
- Do not use the adapter if the cord becomes damaged.
- Do not attempt to service the unit. There are no serviceable parts inside. Replace the unit if it is damaged or exposed to excess moisture.

About the Battery

- Use a specified charger approved by the manufacturer.

  CAUTION: This unit contains a non-replaceable internal Lithium Ion battery. The battery can burst or explode, releasing hazardous chemicals. To reduce the risk of fire or burns, do not disassemble, crush, puncture, or dispose of in fire or water.

- Important instructions (for service personnel only)
  - ✓ **Caution:** Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
  - ✓ Replace only with the same or equivalent type recommended by the manufacturer.
  - ✓ The battery must be recycled or disposed of properly.
  - ✓ Use the battery only in the specified equipment.